

I. AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of erecting a tall tower comprising steps of:

A. dividing said tall tower into a number of sections including an upper section with a tower top and a lower section with a tower bottom, said tower sections being hinged together with one of said sections being initially placed under another of said sections in a non-vertical position;

B. hinging said lower section to a tower base;

C. raising said lower section to a vertical position such that said tower bottom rests on said tower base; and,

D. raising said upper section to a vertical position above said lower section subsequent to said step C of raising said lower section to a vertical position.

2. (Amended) The method of claim 1 wherein said sections are secured in said vertical position. ~~prior to step B one of said sections is placed under another of said sections.~~

3. (Original) The method of claim 1 wherein prior to step D a heavy load is installed on said tower top.

4. (Amended) The method of claim 1 ~~3~~ wherein said sections are secured in said vertical position. ~~said number of sections includes an intermediate section;~~

~~prior to step B said sections are placed one under another; and,~~
~~said step C includes raising said intermediate section to a vertical position subsequent to raising said lower section to a vertical position.~~

5. (Allowed) A method of erecting a tall tower comprising steps of:

- A. dividing said tall tower into a number of sections including an upper section with a tower top and a lower section with a tower bottom, said tower sections being hinged together;
- B. hinging said lower section to a tower base;
- C. attaching a crane to a lift point on said lower section;
- D. activating said crane to lift said sections to a vertical position with said lower section resting on said tower base and said tower top of said upper section near said tower base;
- E. attaching a crane to a lift point on one of said sections;
- F. partially activating said crane;
- G. installing a temporary tower stand, which supports the partially erected tower to allow the removal of said crane;
- H. attaching said crane to a lift point on said upper section; and,
- I. activating said crane to raise said upper section to a vertical position above said lower section.

6. (Allowed) The method of claim 5 wherein subsequent to step B one of said sections is placed under another of said sections.

7. (Allowed) The method of claim 5 wherein subsequent to step D a heavy load is installed on said tower top.

8. (Allowed) The method of claim 5 wherein:

said number of sections includes an intermediate section;

prior to step B said sections are placed one under another; and,

said step C includes raising said intermediate section to a vertical position

subsequent to raising said lower section to a vertical position.

9. (Allowed) A method of erecting a tall tower comprising steps of:

A. dividing said tall tower into a number of sections including an upper section and a lower section;

B. hinging said lower section to a tower base;

C. hinging said upper and lower tower sections to each other, with said upper section folded back onto said lower section;

D. attaching a crane to a lift point on one of said sections;

E. activating said crane to thereby lift said upper and lower sections to a vertical position with said lower section resting on said base and a top end of said upper section near said base;

F. installing a load onto said tower top end;

G. attaching said crane to an upper-section lift point on said upper section;

H. activating said crane to partially raise said upper section;

I. installing a temporary tower stand to support said upper section of said partially erected tower to allow removal of said crane;

J. relocating said crane to another side of said tower base;

K. reattaching said crane to said second lift point; and,

L. activating said crane to thereby raise said upper section with said attached load to a vertical position above said lower section.

10. (Currently amended) A tall tower comprising:

a number of sections including an upper section with a tower top and a lower section with a tower bottom, said tower sections having hinges that enable said sections to be hinged together;

said lower section having a hinge that enables said tower bottom to be hinged to a tower base;

a lower lift point located such that a crane can engage said lower lift point and lift said sections to a vertical position subsequent to said lower section being hinged to said tower base, such that said sections being in a vertical position said lower section tower bottom rests on said tower base and said top of said upper section is located near said base in order to facilitate attaching a load to said tower top; and,

said upper section having an upper section lift point located such that a crane can engage said upper section lift point and lift said upper section to a vertical position subsequent to said lower section being raised to a vertical position.

11. (Original) The tall tower of claim 10 wherein one of said sections is placed under another of said sections and said sections are hinged together.

12. (Original) The method of claim 10 wherein a heavy load is installed on said tower top.

13. (Amended) The tall tower of claim 10 wherein said sections are secured in said vertical position.

~~said number of sections includes an intermediate section;~~
~~said sections are hinged together and placed one under another; and,~~
~~said intermediate section has an intermediate section lift point located such that a crane can engage said intermediate section lift point and lift said intermediate section to a vertical position subsequent to said lower section being raised to a vertical position.~~

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Original) The tall tower of claim 10 ~~15~~ wherein a heavy load is installed on said tower top.

18. (Previously added) The method of erecting a tall tower of claim 1 wherein

said step C raising said lower section is performed by pushing on said lower section with a telescoping crane; and,

said step D raising said upper section is performed by pushing on said upper section with a telescoping crane.

19. (Previously added) The method of erecting a tall tower of claim 2 wherein

said step C raising said lower section is performed by pushing on said lower section with a telescoping crane; and,

said step D raising said upper section is performed by pushing on said upper section with a telescoping crane.

20. (Previously added) The method of erecting a tall tower of claim 3 wherein

said step C raising said lower section is performed by pushing on said lower section with a telescoping crane; and,

said step D raising said upper section is performed by pushing on said upper section with a telescoping crane.

21. (Cancelled)

22. (Allowed) The method of erecting a tall tower of claim 5 wherein said crane is a telescoping crane, said method further comprising:

attaching said telescoping crane to said lift point on said lower section;

extending said telescoping crane to lift said sections to a vertical position with the lower section resting on said tower base and said tower top of said upper section near said tower base;

attaching a heavy load to said tower top while said tower top of the upper section is near said tower base;

attaching said telescoping crane to another lift point on said upper section to partially lift said upper section to a position short of vertical;

supporting said upper section in said position short of vertical;

relocating said telescoping crane and re-attaching said telescoping crane to said lift point on said upper section; and,

fully extending said telescoping crane to raise said upper section and load to vertical above said lower section.

23. (Allowed) The method of erecting a tall tower of claim 5 wherein said crane is a telescoping crane.

24. (Allowed) The method of erecting a tall tower of claim 9 wherein said crane is a telescoping crane.